ASAP

Work Order ID 83302 *83302*

April-17-12 7:14:41 AM

Item ID: D4022-041 **Accept** *N900040100* **Setup Start** *NS1* **Stop** *NS2*

Revision ID:

Item Name: Fuel Transfer Pump Assembly

Start Date: 4/17/12 **Start Qty:** 1.00 *1*

Required Date: 4/18/12 **Req'd Qty:** 1.00 *1*

Cust Item ID:

Customer:

Reference:

Run Start *NR1* **Stop** *NR2*

Approvals: **Process Plan:** W **Date:** **Tooling:** **Date:**

QC: **Date:** **SPC (Y/N):** **Date:**

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp

Draw Nbr	Revision Nbr
D4022	C

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
100 *100* Small Fab Small Fab	**Memo** Assemble as per dwg D4022 Metal set A4 batch: M 116173 O-ring Lub as per dwg batch: M 118348	0.00 0.00				1	Ø		FF 12/04/18
110 *110* QC Quality Control	QC5- Inspect part completeness to step on W/O **Memo**	0.00 0.00	[illegible]			(XC)			

Work Order ID 83302

April-17-12 7:14:41 AM

83302

Item ID:	D4022-041	**Accept**	*N900040100*
Revision ID:		**Setup Start**	*NS1*
Item Name:	Fuel Transfer Pump Assembly	**Stop**	*NS2*
Start Date:	4/17/12	**Start Qty:** 1.00	*1*
Required Date:	4/18/12	**Req'd Qty:** 1.00	*1*
Cust Item ID:		**Customer:**	
Reference:			

Approvals: **Process Plan:** **Date:** **Tooling:** **Date:**

QC: **Date:** **SPC (Y/N):** **Date:**

Run Start *NR1*
Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* Packaging Packaging	Identify as per dwg & Stock Location:_______ **Memo**	0.00 0.00							12/4/19
130 *130* QC Quality Control	QC21- Final Inspection - Work Order Release **Memo**	0.00 0.00							MW 12/04/19

12-04-C

Picklist Print

April-17-12 7:14:41 AM

Work Order ID: 83302

Parent Item: D4022-041

Parent Item Name: Fuel Transfer Pump Assembly

Start Date: 4/17/12 **Required Date:** 4/18/12

Start Qty: 1.00 **Required Qty:** 1.00

Comments: IPP rev A 10.02.02 new issue Prelim EC verified by:DD IPP Rev:B 10.05.17 as per ECN10-562 DD verf:EC IPP REV:C 11.11.22 PER ECN11-665 DD VERF:EC IPP REV:D 12.02.08 replace AN818-6D for AN815-6D DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4022-1 Fuel Transfer Pump		Manufactured	No			100	Each	0.0000 B 82962	1	1			FF 12/04/18
D4022-5 Thermal Switch		Manufactured	No			100	Each	39.0000	1	1			FF 12/04/18

Location		Loc Qty	Loc Code	
ST083		39		
	79949	39		1

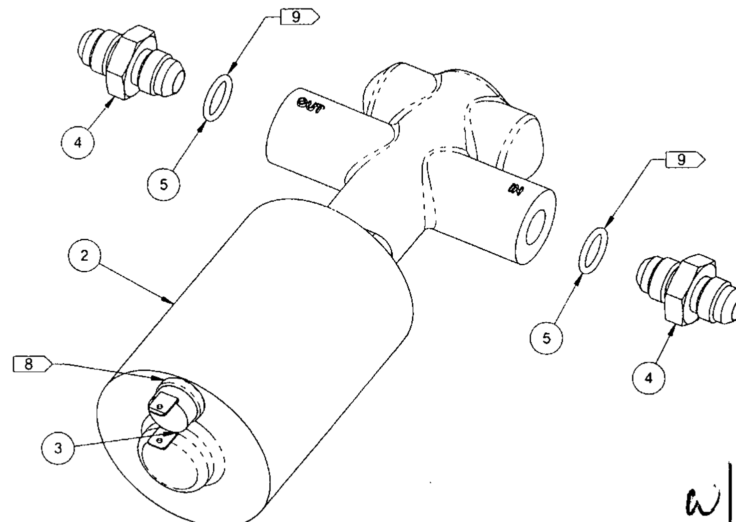
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN815-6D Union-M-Flare		Purchased	No			100	Each	26.0000	2	2			FF 12/04/18

Location		Loc Qty	Loc Code	
ST324		12		
	121390	12		
ST325		14		
	119396	6		
	119433	2		
	119438	6		2

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS29512-06 O-RING		Purchased	No			100	Each	31.0000	2	2			FF 12-04/18

Location		Loc Qty	Loc Code	
ST293		31		
	120360	11		2
	121166	20		

ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4022-041	FUEL TRANSFER PUMP ASSEMBLY	A8150-B1-JCA
2	1	D4022-1	FUEL TRANSFER PUMP	
3	1	D4022-5	THERMAL SWITCH	
4	2	AN815-6D	FITTING, UNION	
5	2	MS29512-06	O RING	



D4022-041 FUEL TRANSFER PUMP ASSEMBLY

W/O 83302

2012 -03- 07

REV.	DESCRIPTION	BY	DATE
C	CORRECTED TYPO: AN815-6D WAS AN818-6D, ZN D7-1. CORRECTED SPELLING OF "AEROSPARES", ZN B5-3.	DC	12.02.09
B	CORRECTED SPELLING OF "AEROSPARES". REF CAR 11-50.	DC	11.09.28
A	NEW ISSUE	HS	10.04.16

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
7) WEIGHT: 2.61 lbs
8) ATTACH D4022-5 THERMAL SWITCH TO D4022-1 FUEL PUMP IN LOCATION SHOWN USING METALSET A4
9) LUBRICATE O-RING WITH ULTRACHEM ASSEMBLY FLUID #1, FUEL-LUBE, MOLYKOTE 55 O-RING GREASE OR EQUIVALENT

DESIGN	
DRAWN	DC
CHECKED	
MFG. APPR.	
APPROVED	
DE APPR.	
DATE	12.02.09

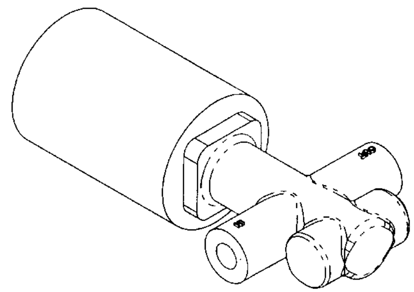
DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4022 — REV. C — SHEET 1 OF 4

TITLE: FUEL PUMP — SCALE: NTS

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4022-1	REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	OPERATING VOLTAGE	FLOW (GPH)	OUTPUT PRESSURE (PSI)	TEMPERATURE RANGE
D4022-1	WELDON	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F
	AEROSPARES ACCESSORIES	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F

D4022-X FUEL TRANSFER PUMP

RELEASED 2012-03-02

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 2.6 lbs

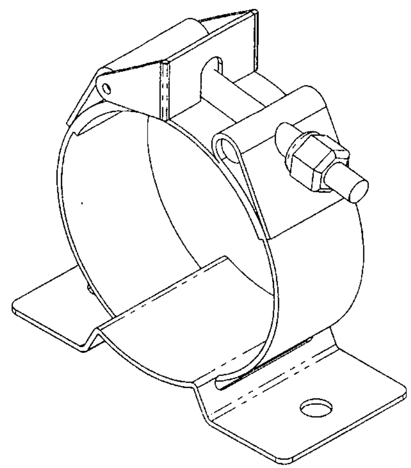
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DRAWN	
CHECKED	
MFG. APPR.	
APPROVED	
DE APPR.	
DATE	12:02.09

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4022 — REV. C — SHEET 2 OF 4
TITLE FUEL PUMP — SCALE NTS

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4022-3	REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	FITS MOTOR SIZE (∅)
D4022-3	WELDON	TC 250-100	STAINLESS STEEL	2.5
	AIRCRAFT SPRUCE AND SPECIALTY	05-00021	STAINLESS STEEL	2.5
	AEROSPARES ACCESSORIES	TC 250-100	STAINLESS STEEL	2.5

C

D4022-X FUEL PUMP MOUNTING BRACKET

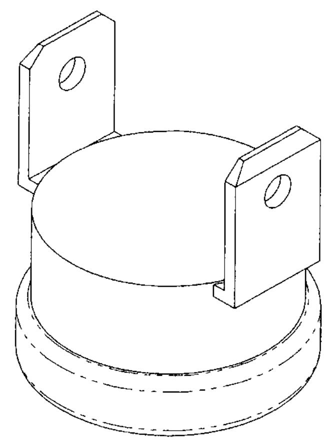
2012-03-02

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN		
CHECKED		DRAWING NO. D4022 REV. C SHEET 3 OF 4
MFG. APPR.		
APPROVED		TITLE FUEL PUMP SCALE NTS
DE APPR.		
DATE	12.02.09	

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4022-5	REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	ALTERNATE PART NUMBER	TEMPERATURE WHEN SWITCH OPENS
D4022-5	FARNELL	1006847	3775628	125°F
	HONEST-WELL	T23A125BSR2-15	3775628	125°F
	NEWARK	98K1992	3775628	125°F

D4022-X THERMAL SWITCH

2012-03-02

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) [illegible]ATION: N/A

DESIGN		**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN		
CHECKED		DRAWING NO. D4022 — REV. C — SHEET 4 OF 4
MFG. APPR.		
APPROVED		TITLE FUEL PUMP — SCALE NTS
DE APPR.		
DATE	12.02.09	